

**FY2013 Water Data Exchange (WaDE)
Project/EN Grant Steering Committee Conference Call**

Minutes – November 12, 2014, 2pm Mountain (1pm PT, 3pm CT)

Attendees:

WSWC - Sara Larsen

Texas CEQ - Jurgen Koch, Gayle Stewart, Gloria Castillo

Idaho DWR – Michael Ciscell, Linda Davis

Oklahoma WRB - Lindy Clay

Oregon WRD – Ken Smith, Ken Stahr

Washington Dept. of Ecology – Ann-Marie Sweeten, Miles Neale

Roll Call, Minutes: Sara took roll for the attendees on the phone and welcomed everyone. The group went over the minutes from the September meeting, which were adopted (Jurgen motioned to adopt, Lindy seconded the motion).

Review Final State Partner Templates: Sara reviewed what had taken place since the September meeting. WSWC was able to sign and complete their contract with TCEQ to commence with the project and receive reimbursement for related expenses. Idaho had received a similar template, but with their information filled in. TCEQ confirmed that these documents were intended to serve as the starting point and partners should send them an email to request their version of the contract. The two main things that states need to get going are the “main agreement” and the “GAD/PEL” attachment. Sara talked about filling out the GAD/PEL with each staff members’ projected times for the tasklists from the project narrative. Jurgen talked about listing the time under each tasklist. Sara asked for a timeline for sending state templates. Jurgen said yes, they are working on getting Idaho and Oklahoma’s completed. Michael and Linda said that they were okay with what they’d received from TCEQ so far. Jurgen asked to show the “key personnel” segment for a bio. Michael asked about indirect costs in an email and said that Gayle had confirmed for them that indirect costs would not be a billable item. Sara confirmed with TCEQ that fringe benefits would still be acceptable.

RedHat OpenShift Cloud Demo: Sara discussed how some of the states that were Oracle-based might want to review this, so they don’t have to wait for the Oracle DB development. She asked Lindy if she would like to set up a separate webinar with her IT people, and she confirmed that. Sara explained how the cloud set up works. She explained what GitHub repository is, and said that the application was fast and straightforward deployment. The steps are to open an account on OpenShift. Install Rubygem software on your desktop. Run “rhc setup” and it will walk you through the setup for creating keys, a domain name, and a new application based on the GitHub repo. RedHat gave the group a User Guide that walks through the setup steps. Sara showed the OpenShift console with the different applications. OpenShift allows for three “gears” with all different kinds of software options. Sara showed the POC demo in her web browser. Jurgen gave a high-level overview of the architecture. She talked about how to upload data into the application once it is up and running. There were three main methods: through

the command line where a user could upload/insert .csv tables into the database, through an ODBC connection from the home IT environment, or through a web-based pgAdmin application. The three gears are free – 2GB of space and 1GB RAM each. The free service is limited in terms of scalability, support, and in domain names. Michael asked about the space and memory for the free version and the fully-supported plan. Jurgen explained the different pricing tiers. Michael asked whether this was the new approach for all states. Sara and Jurgen explained that this is one approach, but that states can take whichever option they would like. Michael asked about the flow of data from WSWC to the state nodes. Sara explained that WSWC will scrape the catalog call asking about what types of data are hosted, and the catalog will redirect users back to the cloud/in-house instances for the state. Jurgen explained how the GIS interface would streamline the URL generation to the Central Catalog, and then to the state nodes. Sara said her preference would be to start with a minimal plan to see what our needs are, and then upgrade to a slightly more expensive plan (\$20-\$50/month). Sara asked Lindy if she thought that this might work for them. Lindy said that she would have to check with her people on whether that would be an issue or even permissible with the state’s policies.

Licensing Discussion: Sara talked about WaDE’s original development workgroups’ recommendations regarding the WaDE software. The two licenses that were proposed from that workgroup was a GPL license and a BSD license. She talked about the differences in approach between the two, basically that GPL would require people to keep the code open-source, whereas BSD would allow others to develop proprietary tools based on the WaDE code. Jurgen proposed the NetDMR license – an open source license developed from an EN grant application. He asked who Sara thought would be the custodian of the license. Sara said that the WSWC would remain the custodians for the time being, unless it was migrated to a different host for long-term program development.

Wrap up: The group indicated that they could meet again in mid-October for another meeting. The call was adjourned.

Action Items:

	Description	Assignee
1	Use the GAD/PEL and WSWC’s sample to finish the attachments and complete the contracts	All partner agencies
2	Create a WSWC GitHub repository (replacing RedHat’s) and update User Guide with that information	WSWC
3	Send the NetDMR license to Sara	TCEQ
4	Upload RedHat User Guide, licensing documents, and other materials to the website.	WSWC
5	Set up a webinar with OWRB for RedHat option demo	Sara and OWRB